L 38383-66

ACC NR: AT6011147 C

movements of the earth's crust often leads to incorrect interpretation of the time of formation of structural forms. In addition, tectonic activity tends to improve reservoir capabilities and sometimes even helps to create the reservoirs (by jointing). [JJ]

SUB CODE: 08 [redacted]/ SUBM DATE: none/

Card 2/2 MLP

GUTKOVSKIY, Vladimir Antonovich, kandidat tekhnicheskikh nauk; KOZLOV, Leonid Sergeyevich, inzhener; TSYGANKOV, A.Z., inzhener, redaktor; KANDYKIN, A.Ye., tekhnicheskiy redaktor

[Fuel economy for locomotives; experience of locomotive brigades on the Pechora railroad] Ekonomiia topliva na parovozakh; opyt parovoznykh brigad Pechorskoi zheleznoi dorogi. Moskva, Gos. transp. zheleznodorozhnoe izd-vo, 1955. 25 p. (MLRA 9:6)

1.Zamestitel' nachal'nika Pechorskoy zheleznoy dorogi (for Gutkovskiy)
2.Nachal'nik toplivno-teplotekhnicheskogo otdela Pechorskoy zheleznoy dorogi (for Kozlov).
(Locomotives--Fuel consumption)

TSYGANKOV, Aleksey Zakharovich, inzh.; VOROB'YEV, V.K., inzh., red.; KHITROV, P.A., tekhn.red.

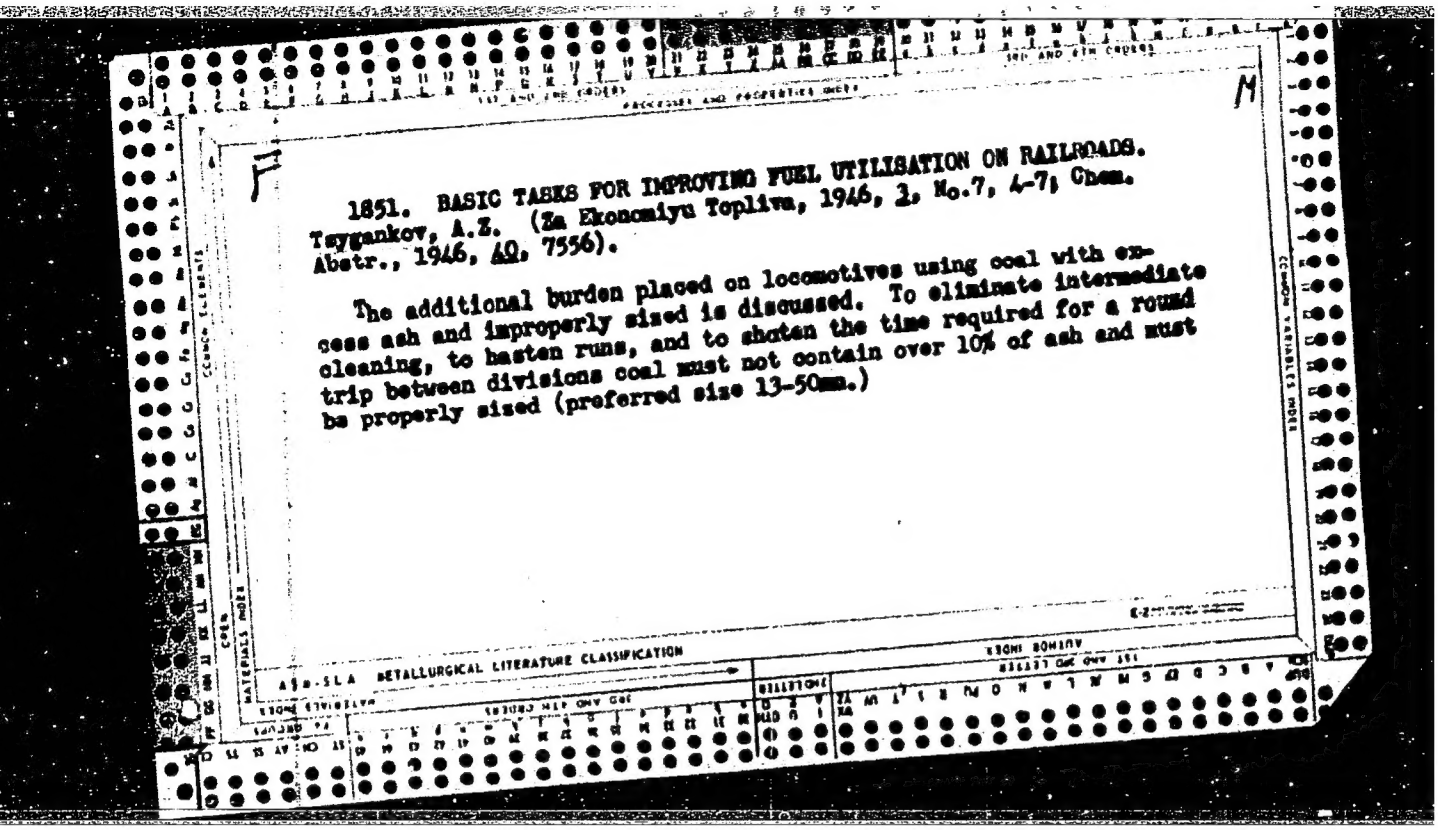
[Firing locomotives with fuel oils] Otoplenie parovozov topochnymi mazutami. Moskva, Gos.transp. zhel-dor.izd-vo, 1959. 37 p. (MIRA 12:3)

(Locomotives) (Petroleum as fuel)

TSYGANKOV, A.Z.

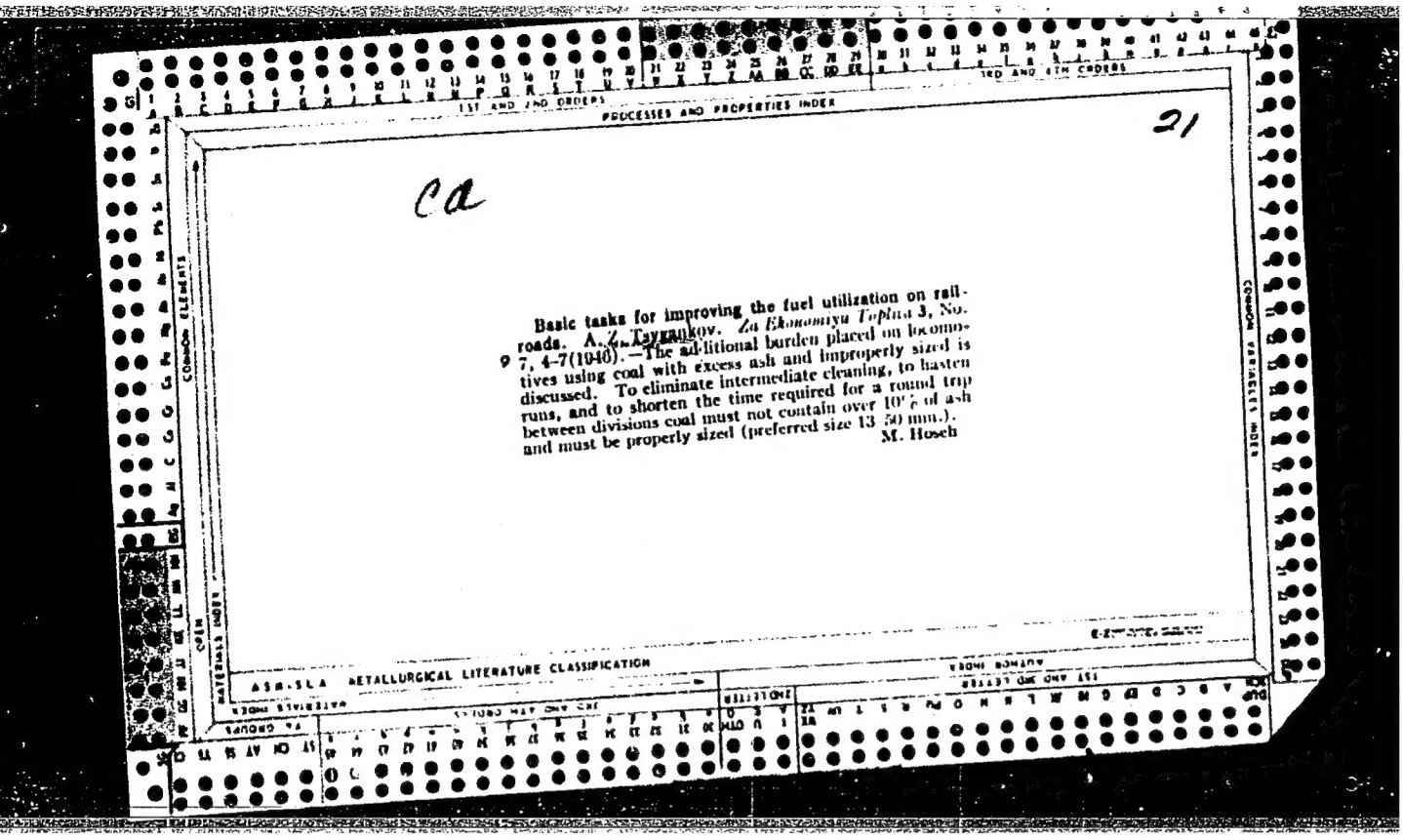
TSYGANKOV, A.Z., inzhener.

Experience operating locomotives using petroleum firing. Zhel.dor. transp. 39 no.8:68-71 Ag '57. (MIRA 10:9)
(Locomotives)



1851. BASIC TASKS FOR IMPROVING FUEL UTILISATION ON RAILROADS.
Tsygankov, A.Z. (Za Ekonomiyu Topliva, 1946, 3, No.7, 4-7; Chem. Abstr., 1946, 40, 7556).

The additional burden placed on locomotives using coal with excess ash and improperly sized is discussed. To eliminate intermediate cleaning, to hasten runs, and to shorten the time required for a round trip between divisions coal must not contain over 10% of ash and must be properly sized (preferred size 13-50mm.)



L 32943-66 EWT(1)

ACC NR: AP6021784 SOURCE CODE: UR/0413/66/000/012/0049/0049

INVENTOR: Magrachev, Z. V.; Tsygankov, B. K.; Yegupov, V. Ya.

ORG: none

TITLE: Pulse stretcher. Class 21, No. 182767 [announced by Electrical Measurement Instruments Plant (Zavod elektroizmeritel'nykh priborov)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 49

TOPIC TAGS: pulse shaper, capacitor, electronic circuit

ABSTRACT: A pulse stretching circuit for use in digital pulse duration measurements is shown in Fig. 1. It consists of a regulated charging current source which

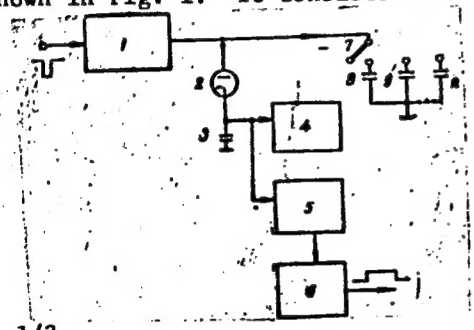


Fig. 1. Pulse stretcher circuit

1 - Regulated capacitor charging current source; 2 - diode; 3 - integrating capacitor; 4 - regulated discharge current source; 5 - comparator; 6 - forming circuit; 7 - range switch; 8,9,... n - additional capacitors.

UDC: 621.374:621.317:795

Card 1/2

L 32943-66
ACC NR: AP6021784

drives an integrating capacitor (3) through a diode. The capacitor (3) is connected to the diode cathode, regulated discharge current source, and a comparator. To insure operation of the circuit in the same mode in all measurement ranges, additional capacitors may be switched into the circuit by a range switch. Orig. art. has: 1 figure. [BD]

SUB CODE: 09/ SUBM DATE: 06Sep65/ ATD PRESS: 5027

Card 2/2

ACC NR: AP6036151 SOURCE CODE: UR/0018/66/000/011/0077/0079

AUTHOR: Tsygankov, G. (Captain)

ORG: none

TITLE: Gain time by opening fire faster [Antiaircraft battery deployment]

SOURCE: Voyennyy vestnik, no. 11, 1966, 77-79

TOPIC TAGS: antiaircraft fire control system, antiaircraft defense, tactic GROUND FORCE

ABSTRACT: For the quick response of antiaircraft units to the necessity of opening fire during a meeting engagement, in an offensive battle or during a march, the firing position is assumed as follows: The battery commander breaks away from the column and stops his vehicle in the center of the potential firing position, with his vehicles' radiator in the general direction of the line of fire. The antiaircraft battery is deployed around the commander's vehicle in a hexagonal arrangement, with the first platoon to the right of center of the firing position and the second platoon to the left. The antiaircraft fire director and gun-laying radar is located to the rear, depending on the nature of the terrain. This arrangement simplifies the deployment and control of the battery's fire. Orig. art. has: 1 figure.

SUB CODE: 15/ SUBM DATE: none

Card 1/1 UDC: none

TSYGANKOV, Grigoriy Mineyevich; VLASOV, Vladimir Kuz'mich;
LILENKO, S.I., red.

[Experience in the treatment of acute pneumonias at home]
Opyt lecheniia ostrykh pnevmonii v domashnikh usloviiakh.
Leningrad, Meditsina, 1964. 126 p. (MIRA 17:10)

TSYGANKOV, G.M., prof. (Leningrad)

Incidence and results of treatment of acute pneumonias in Leningrad. Sovet. zdravookhr. 12 no.1:53-58 '63
(MIRA 17:3)

1. Glavnyy terapevt Leningradskogo gorodskogo otdela zdravookhraneniya (zav. V.A. Minyayev).

TSYGANKOV, Grigoriy Mineyevich; KRASOVSKIY, I.I., red.; BUGROVA, G.I., tekhn. red.

[Hemorrhagic nephrosonephritis] Gemorragicheskii nefrozo-nefrit. Leningrad, Medgiz, 1963. 171 p. (MIRA 16:7)
(KIDNEYS--DISEASES)

TSYGANKOV, I.

Improve the qulity of sieves in separators. Muk.-elev.prom. 30 no.1:29 Ja '64. (MIRA 17:3)

1. Kagal'nitskiy khlebopriyemnyy punkt Rostovskoy oblasti.

NIKOLAYEV, Yu.V., kand. tekhn. nauk, red.; TSYGANKOV, I.I., inzh., red.; STRASHNYKH, V.P., red. izd-va; RODIONOVA, V.I., tekhn. red.

[Standards SN 209-62 for the technical design of enterprises for the production of solid and cellular silicate concrete articles]Normy tekhnologicheskogo proektirovaniia predpriiatii po proizvodstvu izdelii iz plotnogo i iacheistogo silikatnogo betona (SN 209-62). Moskva, Gosstroiizdat, 1962. 18 p. (MIRA 15:10)

1. Russia (1923- U.S.S.R.)Gosudarstvennyy komitet po delam stroitel'stva.
(Industrial plants--Design and construction)
(Precast concrete)

MAL'YUGIN, Vladimir Ivanovich, kand. ekon. nauk; TSYGANKOV, I.I., nauchn. red.

[Effectiveness of using precast lightweight concrete elements in construction] Effektivnost' primeneniia v stroitel'stve sbornykh konstruktsii iz legkikh betonov. Moskva, Stroiizdat, 1965. 54 p. (MIRA 18:6)

SHIRIDONOV, V.M.; TSYGANKOV, I.I.

Prospects for using plastics in structural elements. Stroi. mat. 10 no.10:3-5 O '64. (MIRA 18:2)

TSYGANKOV, I.I., inzh., red.; PESEL'NIK, V.Ye., kand. tekhn. nauk, red.; DESOV, A.Ye., doktor tekhn. nauk, red.; ERLANDTS, V.V., inzh., red.; LOPOVOK, L.I., kand. arkhitektury, red.; GORLOV, S.A., inzh., red.; PETROVA, V.V., red. izd-va; SHITOVA, L.N., red. izd-va; KOMAROVSKAYA, L.A., tekhn. red.; RODIONOVA, V.M., tekhn. red.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroiizdat. Pt.1. Sec.V. ch.3. [Concrete with binorganic binders and aggregates (SNiP I-V.3-62)] Betony na neorganicheskikh viazhushchikh i zapolniteliakh (SNiP I-V. 3-62). 1963. 14 p. Pt.1. Sec.V. ch.9.[Ceramic materials and products (SNiP I-V. 9-62)] Keramicheskie materialy i izdelia (SNiP I-V. 9-62. 20 p. (MIRA 16:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosstroy SSSR (for Erlandts, TSygankov). 3. Mezhduvedomstvennaya komissiya po peresmotru stroitel'nykh norm i pravil (for Lopovok, Pesel'nik). 4. Gosudarstvennyy nauchno-issledovatel'skiy institut stroitel'noy keramiki Gosudarstvennogo komiteta Soveta Ministrov SSSR po delam stroitel'stva (for Gorlov). 5. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR (for Desov).

(Ceramic materials) (Aggregates (Building materials))

NIKOLAYEV, Yu.V., kand. tekhn. nauk, red.; TSYGANKOV, I.I., inzh., red.; PETROVA, V.V., red. izd-va; TEMKINA, Ye.L., tekhn. red.

[Norms (SN 199-61) for the technical design of enterprises manufacturing precast reinforced concrete products, using unit-flow and stationary methods of production]Normy tekhnologicheskogo proektirovaniia predpriiatii sbornykh zhelezobetonnykh izdelii s agregatno-potochnym i stendovym sposobami proizvodstva (SN 199-61). Moskva, Gosstroiizdat, 1962. 18 p. (MIRA 15:9)

1. Russia (1923- U.S.S.R.)Gosudarstvennyy komitet po delam stroitel'stva.
(Concrete plants)

TSYGANKOV, I.I., inzh.

Standards for technological planning of enterprises for the production of silicate concrete articles. Stroi. mat. 8 no.6:3-5 Je '62. (MIRA 15:7)

(Sand-lime products)

TSYGANKOV, I.I., inzh.

Useful book on the economics of manufacturing precast concrete.
Prom. stroi. 41 no.8:47 Ag '64. (MIRA 17:11)

TSYGANKOV, D. S.

"Ecology of the Muskrat in the Forest-Steppe Regions of the Trans-Ural Area." Thesis for degree of Cand. Biological Sci. Sub 24 Apr 50 Moscow Fur (and Pelt) Inst

FDD Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

TSYGANKOV, D.S.

Method for determining the age and longevity of the muskrat (Fiber zibethicus L.). Zool.zhur. 34 no.3:640-651 My-Je '55. (MLRA 8:8)

1. Kafedra biotekhniki Moskovskogo pushno-mekhovogo instituta (Muskrats)

REZNIK, B.Ye.; TSYGANOK, L.P.

Photometric study of phosphomolybdic and molybdic acids in solution. Zhur.neorg.khim. 10 no.8:1914-1917 Ag '65. (MIRA 19:1)

1. Submitted November 10, 1964.

TSYGANOV, E.N.

Elastic high-energy proton-proton scattering. Zhur. eksp. i teor. fiz. 42 no.6:1456-1460 Je '62. (MIRA 15:9)

1. Ob"yedinennyy institut yadernykh issledovaniy.
(Protons--Scattering)

FUKS, B.B.; KONSTANTINOVA, I.V.; STEFANOVICH, L.Ye.; LUK'YANOVA, I.G.; TSYGANKOV, L.I.; KOLAYEVA, S.G.; KRASS, I.M.; VAN'KO, L.V.

Specific biosynthesis of antibodies induced by ribonucleic acid from the lymphatic nodes and spleen of immune rabbits. Dokl. AN SSSR 153 no.2:485-488 N '63. (MIRA 16:12)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom A.N.Belozerskim.

KOSTOGRYZOV, V.S., kand.tekhn.nauk; TSYGANKOV, O.L.

Automatic gas-pressure control systems in the working area of regenerative soaking pits. Avtom. i prib. no.1:15-21 Ja-Mr '63. (MIRA 16:3)

1. Institut avtomatiki Gosplana UkrSSR.
(Furnaces, Heating) (Electronic control)

S/081/62/000/022/029/088
B144/B101

24.5500

AUTHORS: Kostogryzov, V. S., Miroshnichenko, M. V., Tsygankov, O. L.

TITLE: New method of measuring radiant heat fluxes

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 281, abstract 22I25 (Sb. nauchn. tr. In-t avtomatiki Gosplana USSR, no. 2, 1961, 74-77)

TEXT: An apparatus was devised for measuring temperatures and radiant heat fluxes. This apparatus is characterized by the fact that during operation the temperature T_s of the sensor does not change so the corresponding corrections to the measurement results can be omitted. The constancy of T_s is achieved by changing the heat flux picked up by reducing the angular coefficient of radiation interchange. This interchange, determined in the apparatus by simple geometrical relations, characterizes unambiguously the dependence between absorbed and emitted radiation flux. A way of automatizing the method of measuring radiant heat fluxes is demonstrated. [Abstracter's note: Complete translation.]

Card 1/1

SEMIKIN, I.D., prof.; KOSTOGRYZOV, V.S., kand.tekhn.nauk; TSYGANKOV, O.L., inzh.

Radiation thermometer. Avtom.i prib. no.2:153-164 '61. (MIRA 14:12)

(Thermometers)

S/124/63/000/002/016/052
D234/D308

AUTHORS: Semikin, I.D., Kostogryzov, V.A. and Tsygankov, O.L.

TITLE: A radiation thermometer

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 2, 1963, 110, abstract 2B750 (Sb. nauchn. tr. In-t avtomatiki Gosplana USSR, no. 2, 1961, 153-164)

TEXT: A short theoretical explanation of the operation principles of the thermometer, a description of its design, certain test methods and some characteristics, are given. The thermometer is intended for temperatures from 600° to 1500°C; the time constant is of the order of 10 - 15 sec.
[Abstracter's note: Complete translation]

Card 1/1

S

... fractionating

column. P. S. [illegible] ... Tekhnol. Vest. Pishchevoi Prom. im. A. I. Mikoyana 16, ...

... and the specification for the no. of theoretical plates necessary to rectify EtOH from musts was given. F. A. M.

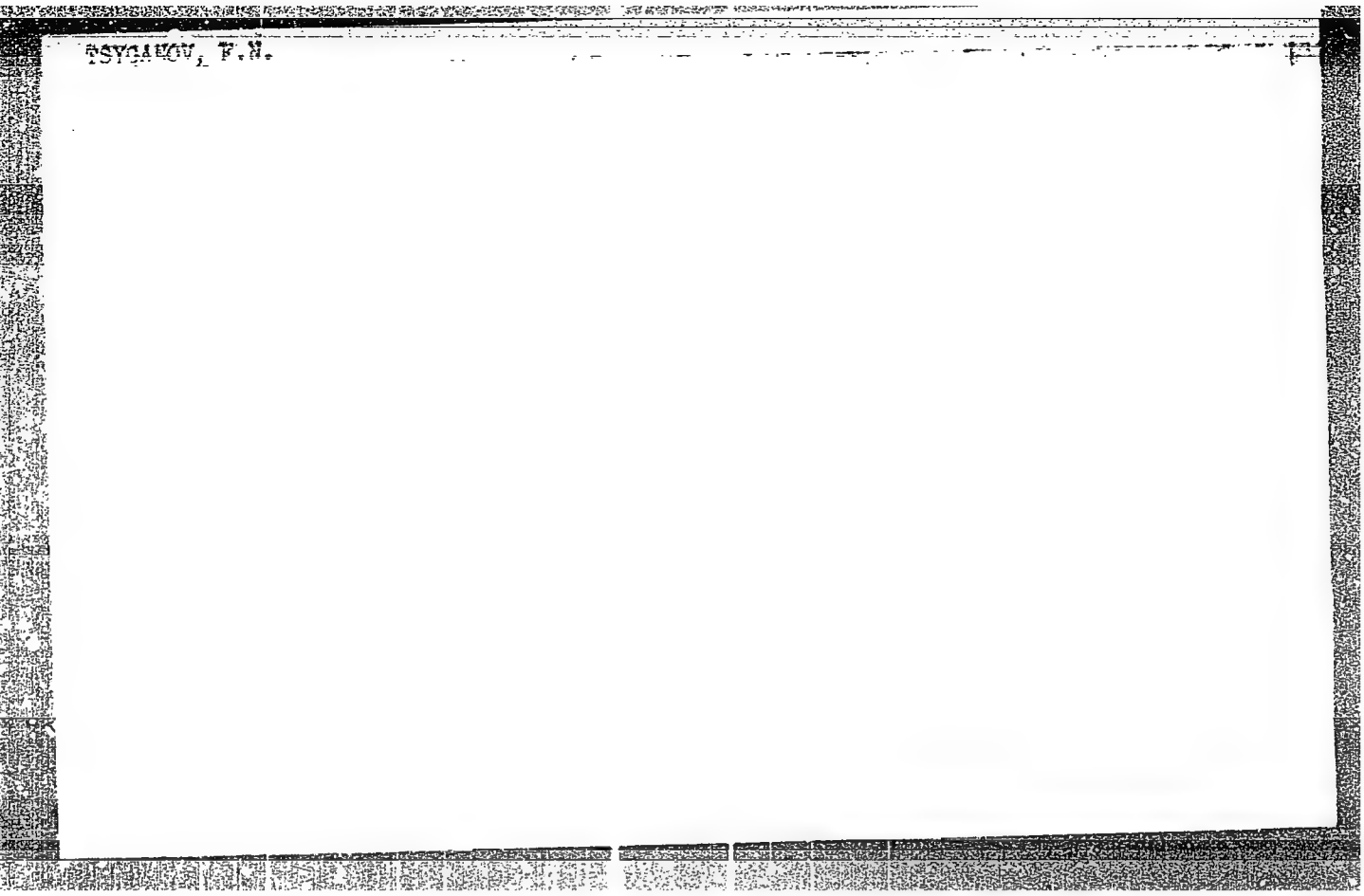
4E4A

1/1

TSYGANOK, P I

Neftepromyslovoye Khozyaystvo (Petroleum Industry Economy) by D. A. Chizhichenko, M. N. Bazlov I P. I. Tsyganok. Moskva, Gostoptekhizdat, 19. v. Diagrs., Tables, Includes Bibliographies, Lib. Has: 1952, 1957.

Dependence of the recording characteristics of the nuclear



TSYGANKOV, G.

Using five-tiered sieve arrangements for cleaning grain. Muk.-elev. prom.21 no.6:20 Je '55. (MLRA 8:10)

1. Khotunskiy zagotovitel'nyy punkt
(Grain--Cleaning)

PA 14/49T65

TSYGANKOV, G. M.

Jun 48

USSR/Medicine - Tick Fevers
Medicine - Clinic

"Clinic for Far Eastern Exanthematous Typhus (Tick Fever)," G. M. Tsygankov, 7 pp

"Klin Med" Vol XXVI, No 6

Reports clinical observations of typhus cases. Results show tick fever is not same as rickettsiosis also observed in Asiatic part of USSR.

14/49T65

TSYGANKOV, G.M., polkovnik med. sluzhby; KUZ'MENKO, I.A., podpolkovnik med. sluzhby

Radium application; indications and methods of use. Voen.-med. zhur. no.6:14-18 Je '58. (MIRA 12:7)

(RADIUM, ther. use
local application to skin surface, indic. and methods for use (Rus))

TSYGANKOV, G.M., prof.; ZHILOV, M.S.; EYDINOV, Ya.B., kand.med. nauk
(Leningrad)

Results of the prevention of a myocardiac infarct and thrombo-embolic diseases in Leningrad. Klin. med. 40 no.11:44-51 N'62
(MIRA 16:12)

TSYGANKOV, G.M., doktor meditsinskikh nauk

Clinical aspects and treatment of hemorrhagic fever. Klin. med. 35 no.1:10-20 Ja '57 (MLRA 10:4)
(WEIL'S DISEASE
clin. aspects & ther.)

TSYGANKOV, G.M., doktor med.nauk, YASINSKIY, Ye.Ye.

Epidemiology and clinical picture of epidemic serous meningitis.
Klin.med. 36 no.9:124-130 S'58 (MIRA 11:10)
(MENINGITIS,
serous epidemic., epidemiol. & clin. manifest. (Rus))

TSYGANKOV, G. M.

Electric Lines - Underground

Laying an electric transmission line in frozen ground Elek. Sta. 23 no. 3:25-27 Mr '52 Inah.

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED

TSYGANKOV, I.; YEGOROV, B.

Production and properties of products made of gas concrete. Strei.mat., izdel.i konstr. 2 no.3:17-20 Mr '56. (MLRA 9:7)
(Lightweight concrete)

TSYGANKOV, I., inzhener.

Propagating the experience of innovators of the reinforced concrete industry. Stroi.mat.,izdel.i konstr. 2 no.6:34-36 Je '56.
(MLRA 9:8)

(Reinforced concrete)

TSYGANKOV, I.

TSYGANKOV, I., inzhener.

Technical specifications and quality of precast reinforced concrete. Stroi. mat. 3 no.4:21-22 Ap '57. (MLRA 10:6)
(Precast concrete)

TSYGANOV, I.

Insurance arithmetic. Fin. SSSR 19 no.2:71-73 F '58.
(MIRA 11:3)

1.Zamestitel' nachal'nika Upravleniya Gosstrakha po Rostovskoy oblasti.
(Rostov Province--Insurance, Agricultural)

Tsygankov, G. A.

Manufacture and properties of porous concrete articles. I. Tsygankov and B. Ergeev. *Stroitel'-Materialy* 2, No. 3, 17-20(1956).—Properties of Sypores concrete and articles made from it are described. The use of H_2O_2 in concrete to render it porous doubles the compression strength after autoclaving and speeds setting, permitting its finishing 12–15 min. after casting. The whole gassing operation is completed with its use in 5–10 min. after adding H_2O_2 to the mix. Concrete formed in this manner is not susceptible to shocks; this allows it to be handled directly after casting.

J. D. Cal

Mat 2

TSYGANKOV, I., inzhener.

The efficiency of reinforced concrete products and designing in conventional cubic content. Stroi.mat.izdel. i konstr. 1 no.9:22-25 S '55. (MLRA 9:1)

1. Nachal'nik PTO Glavzhlezobetona Ministerstvo promyshlennosti stroitel'nykh materialov.

(Reinforced concrete)

TSYGANKOV, I., inzhener

Improving the quality indices of precast reinforced concrete. Stroi. mat., izdel. i konstr. 1 no.8:7-10 Ag'55. (MLRA 8:11)
(Precast concrete)

TSYGANKOV, I.I.

Speed up the increase in the capacity of producing precast concrete for industrial construction. Prom. stroi. 38 no. 12:2-5 '60. (MIRA 13:12)

(Precast concrete construction)

TSYGANKOV, I.I.

PODLESNYKH, Viktor Sergeyevich; TSYGANKOV, I.I., nauchnyy redaktor; GURVICH, E.A., redaktor; GLADKIKH, N.N., tekhnicheskiy redaktor.

[Assembly-line production of precast reinforced concrete; the experience of the Lyubertsy plant of the Main Moscow Administration for Reinforced Concrete Construction] Konveiernoe proizvodstvo sbornogo zhelezobetona; opyt Liuberetskogo zavoda Glavmosszhelezobetona. Moskva, Gos.izd-vo lit-ry po stroit.materialam, 1956. 54 p. (MLRA 10:4)
(Reinforced concrete) (Assembly-line methods)

OVSYANKIN, V.I.; TSYGANKOV, I.I., inzh., nauchnyy red.; AZRILYANT, Ya.M., red.izd-va; GRIGOR'YEV, L., tekhn.red.

[Lightweight concretes based on porous aggregates; manufacture and use] Legkie betony na poristykh zapolniteliakh; prigotovlenie i primenenie. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 23 p. (MIRA 14:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Ovsyankin).
(Lightweight concrete)

TSYGANKOV, I.I., inzh., red.; LOPOVOK, L.I., kand. arkh., red.; ZAVADIVKER, B.N., kand. tekhn. nauk, red.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Pt.I. Sec.V. ch.5.[Reinforced concrete products; general instructions] Zhelezobetonnye izdeliia; obshchie ukazaniia (SNiP I. V.5-62). 1963. 25 p. (MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosstroy SSSR (for TSygankov). 3. Mezhvedomstvennaya komissiya po peresmotru Stroitel'nykh norm i pravil (for Lopovok). 4. TSentral'nyy nauchno-issledovatel'skiy institut eksperimental'nogo proyektirovaniya zhilishcha Akademii stroitel'stva i arkhitektury SSSR (for Zavadivker).

NOSENKO, N.Ye.; TSYGANKOV, I.I., nauchnyy red.; FEDOROVA, T.N., red. izd-va; GILENSON, P.G., tekhn.red.; OSENKO, L.M., tekhn.red.

[Making and stretching reinforcements of prestressed reinforced concrete construction elements] Zagotovka i natiazhenie armatury predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 253 p. (MIRA 12:12)
(Prestressed concrete)

TSYGANKOV, I.I., inzh.

Developing production potentialities of precast reinforced concrete plants. Stroi. mat. 4 no.1:24-26 Ja '58. (MIRA 11:2)
(Concrete plants)

SKRAMTAYEV, B.G., doktor tekhn. nauk, prof.; VYSOTSKIY, P.I., inzh.; TSYGANKOV, I.I., inzh.

Industry manufacturing precast reinforced concrete and large blocks in the German Democratic Republic. Biul. stroi. tekh. 15 no. 7:32-35 Jl '58. (MIRA 11:7)
(Germany, East--Precast concrete)

KOTENKO, Andrey Ignat'yevich, glavnyy inzhener; TSYGANKOV, I.I., nauchnyy red.; GURVICH, E.A., red.; PYATAKOVA, N.D., tekhn.red.

[More reinforced concrete for Moscow builders; practices of the No.5 Factory producing reinforced concrete components under the Main Moscow Division for Reinforced Concrete] Bol'she zhelezobetona stroikam Moskvy; iz opyta raboty zavoda No.5 zhelezobetonnykh izdelii Glavmosszhelezobetona. Moskva, Gos.izd-vo lit-ry po stroit.materialam, 1957. 69 p. (MIRA 11:1)

1. Zavod No.5 zhelezobetonnykh izdeliy Glavmosszhelezobetona (for Kotenko).
(Moscow--Reinforced concrete)

Tsygankov, I. [L.]

TSYGANKOV, I., inzhener.

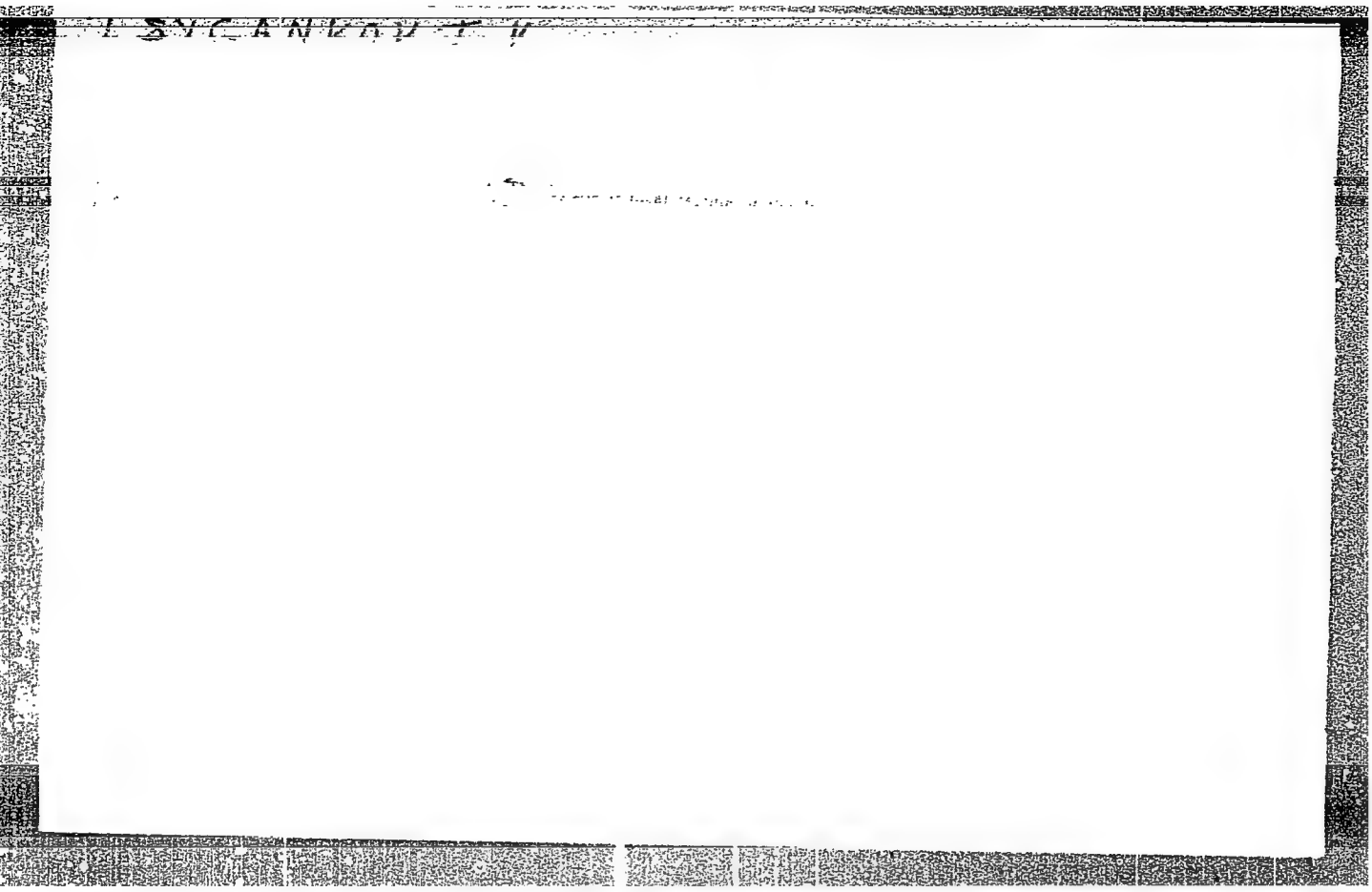
Recent development in the technology of precast reinforced conrete; remarks by a participant in the International Congress on Precast Concrete Construction. Stroi.mat. 3 no.8:35-37 Ag '57.
(MLRA 10:10)

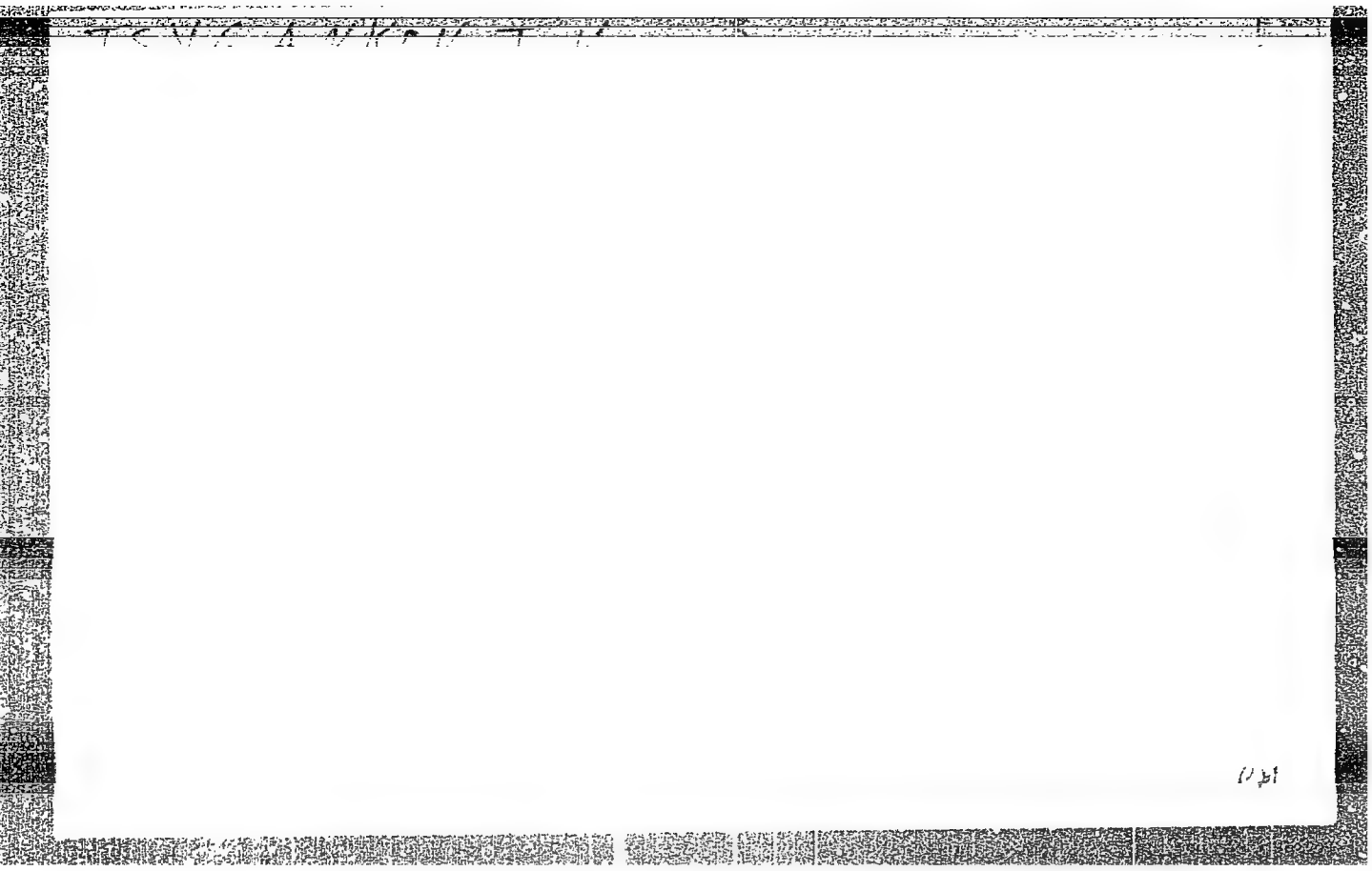
(Precast concrete construction)

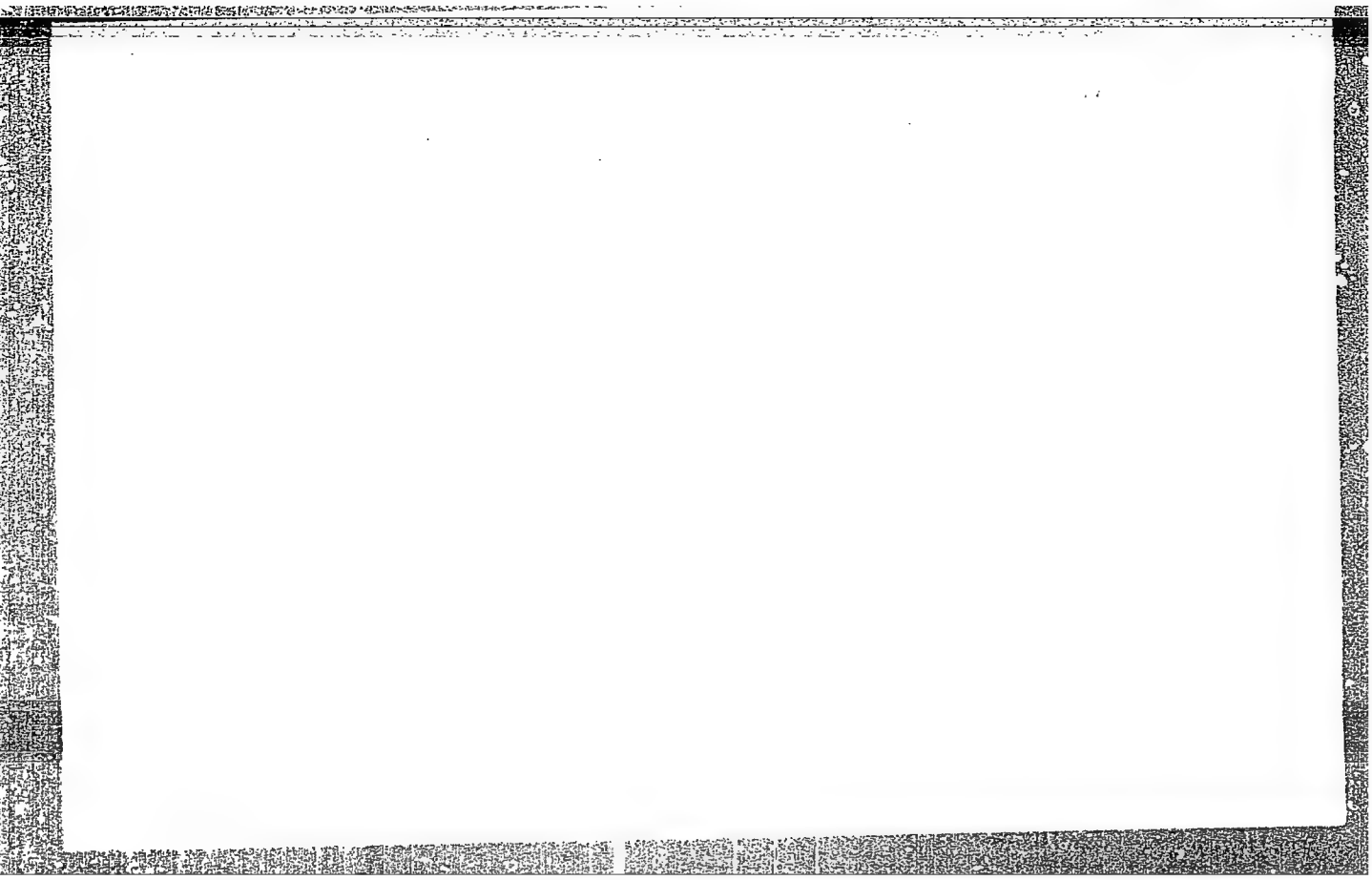
TSYGANKOV, I.I., inzh.

"The production of precast reinforced concrete structural elements and components" by G.D.Mariengof and A.I. Shur. Reviewed by I.I. TSygankov. Bet. i zhel. -bet. no.8:337-338 Ag '57.
(MIRA 10:10)

(Precast concrete)







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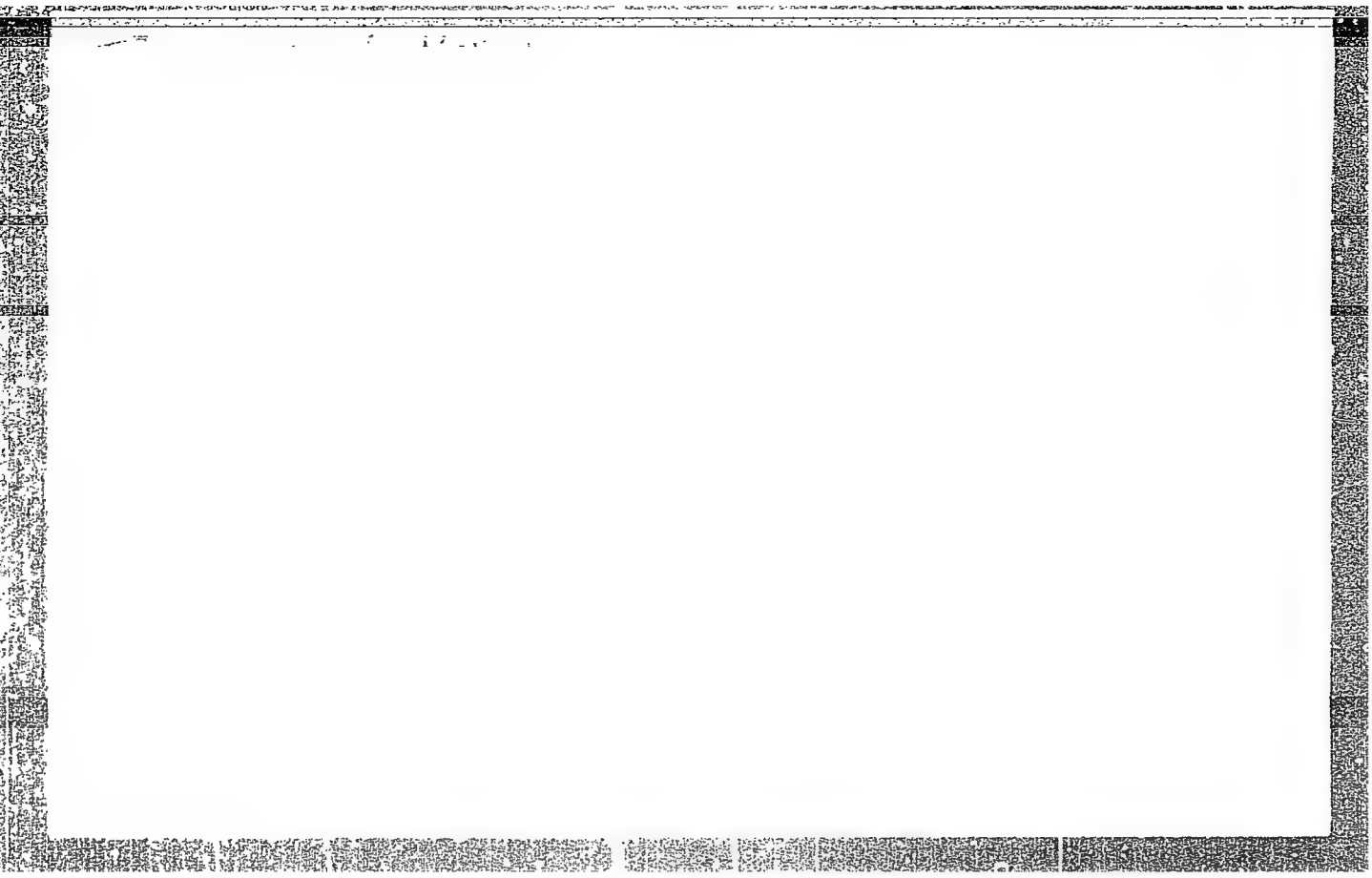

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Tsygankov, M.N.

AUTHOR: Tsygankov, M.N. 3-1-7/32

TITLE: Lectures for Toilers in Rural Districts (Lektsii dlya truzhenikov sela)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, # 1, pp 30-31 (USSR)

ABSTRACT: The article enumerates some of the 300 lectures given on various subjects by the scientific workers of the Rostov-on-the-Don Financial-Economic Institute.

Dotsent A.S.Il'yin delivered 20 lectures in the Urals; Professor, Doctor of Economic Sciences A.I.Gozulov, delivered 7; and other lectures were delivered by Candidate of Economic Sciences P.G.Shumilin, Dotsent V.A.Miduyev, Dotsent, P.V.Mamayev in charge of the Chair of Agricultural Economics, Candidate of Economic Sciences N.K.Zabrodin, Instructor Yu.S.Yakubov, and Dotsent V.A.Zaydenvarg.

ASSOCIATION: Rostov-on-Don Institute of Finance and Economics (Rostovskiy-na-Donu finansovo-ekonomicheskiy institut)

AVAILABLE: Library of Congress

Card 1/1

23.4000

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AUTHOR: Tsyganov, M. N., Candidate of Technical Sciences

S/006/60/000/04/006/019
B007/B005

TITLE: Porsibilities of Improving the Quality of Aerial Negatives in Air Surveys of High-mountain Areas

PERIODICAL: Geodeziya i kartografiya, 1960, Nr 4, pp 31-36 (USSR)

TEXT: The Aerofotograficheskaya laboratoriya TsNIIGAiK (Laboratory for Aerophotography of the Central Scientific Research Institute of Geodesy, Aerial Surveying, and Cartography) investigated the problem of reproducing a high-mountain area on aerial photographs in the laboratory, and then took experimental aerial photographs of high-mountain regions in the Caucasus and Soviet Central Asia. These investigations made it possible to improve the quality of aerial negatives in air surveys of high-mountain areas by using the proper developer and observing the proper conditions of aerophotography. Mainly data of practical importance are given here. The aerial film "pankhrom tip 10" should be used for aerial photographs of high-mountain areas. An OS-14 filter gives maximum shadow contrasts in photographs of deep gorges, but the density of the negative of shadows is insufficient. ZhS-12 and ZhS-18 filters give better results. Exposure should be adjusted by the shadows, not by the mean brightness of the scenery.

Card 1/2

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Possibilities of Improving the Quality of Aerial Negatives in Air Surveys of High-mountain Areas

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B007/B005

"Amidol", i.e., C_6H_3 OH $(NH_2)_2 \cdot 2HCl$, is recommended for developing the aerial film. It is produced by the Khar'kovskiy zavod khimicheskikh reaktivov (Khar'kov Works of Chemical Reagents). By means of this developer, a photosensitivity is attained, which is nearly equal to that obtained by Chibisov's developer. With an "Amidol" quantity of 2 g/liter, the density of bright portions can be reduced in spite of full development of the shadows. This property of the "Amidol" developer is of positive importance in developing aerial films of high-mountain sceneries. One of the shortcomings of this developer is its short life in contact with air. Recommendations for preparing and using the "Amidol" developer are given. On the basis of sensitometric measurements of aerial negatives, the most favorable characteristics of these negatives are pointed out. There are 2 figures and 3 tables.

Card 2/2

S/704/61/000/002/003/006
D201/D302

AUTHORS: Kostogryzov, V.S., Candidate of Technical Sciences, Miroshnichenko, M.V., and Tsygankov, O.I., Engineers

TITLE: A new method of measuring thermal radiation fluxes

SOURCE: Ukraine. Gosudarstvennaya planovaya komissiya. Institut avtomatiki. Avtomatizatsiya i priborostroyeniye; sbornik nauchnykh trudov, no. 2, Kiyev, 1961, 74-77

TEXT: The new method differs from the existing ones in that the temperature of the heat collector remains constant, so that the need for introducing corrections is avoided. The cylindrical heat collector is placed in a water-cooled container. The upper cylinder base is pointed towards the heat source to be measured, the other base is water cooled. In the process of measurement the heat flux from the upper cylinder base is passed along the cylinder to its lower base which is water-cooled and the magnitude of heat flux received is determined from the expression

$$q = c\psi_{1,2}\left[\left(\frac{T_s}{100}\right)^4 - \left(\frac{T_R}{100}\right)^4\right] \text{ kcal/m}^2\text{hr}$$

, where q - heat

Card 1/2

A new method of measuring ...

flux, c - the reduced radiation coefficient, T_s - the absolute source temperature, T_R - absolute temperature of collector, $\psi_{1,2}$ - the angular coefficient of radiation exchange. It is seen that the magnitude of the heat is determined only by $\psi_{1,2}$ and c. $\psi_{1,2}$ is uniquely defined by the relative positions of the source and of the collector, c being determined by the degree of blackness of the receiver ε_R, the degree of blackness of the source ε_s and on the angle $\psi_{1,2}$. Hence for constant T_s, T_R, ε_s and ε_R - the heat stream is determined only by the linear dimensions determining the angle $\psi_{1,2}$ or, with the aperture of the cooled cavity, in which the receiving cylinder is placed remaining constant, the heat stream is a function of the distance, at which the upper base of the cylinder is placed from the rim of the container. The arrangement can easily be made to operate automatically, by introducing a comparison element, a controller and an output stage for adjusting the cylinder position.

Card 2/2

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D201/D302

24.5500

AUTHORS: Semikin, I.D., Professor, Kostogryzov, V.S., Candidate of Technical Sciences, and Tsygankov, O.L., Engineer

TITLE: A heat radiation calorimeter

SOURCE: Ukraine. Gosudarstvennaya planvoya komissiya. Institut avtomatiki. Avtomatizatsiya i priborostroyeniye; sbornik nauchnykh trudov, no. 2, Kiyev, 1961, 153-164

TEXT: The authors describe a thermal radiation calorimeter based on the principle of temperature difference produced at a heat resistance by the thermal flux. The instrument consists basically of a hollow copper cylinder with a partition in its middle. The thickness of the cylinder walls and of the partition does not exceed 0.2 mm. The part of the cylinder above the partion acts as an absolutely black body and performs the function of a heat collector. The lower part of the cylinder is slotted, the slots acting as thermal resistances. The cylinder has a connection sleeve for the wiring of a thermocouple battery. The battery is made of copper-constant thermocouples, whose number is determined by the sensitivity

Card 1/3

A heat radiation calorimeter ...

of the instrument. The thermocouple battery is wound at the external cylinder surface in such a manner that the heat resistances be placed between the thermocouple junctions (hot junctions) placed against the surface of the heat collector and the junctions placed at the water-cooled part of the cylinder (cold junctions). The junctions are isolated from the cylinder surface by mica wafers. Mica is also used to insulate the thermocouples from the top. The heat collector, together with the thermocouples is placed in a protective envelope. A mirror-polished nickel foil is placed between the collector and the envelope; this arrangement makes the heat losses negligible. The whole arrangement is assembled into a separate unit, fixed at the face of the water-cooled bloc which at its other end has two pipes for the circulation of water and one for the wiring from the thermocouple battery to a potentiometer. The experiments have shown the linear dependence of the e.m.f. of the radiation calorimeter on the thermal flux; the temperature of the radiating body T_r was found to satisfy Eq. (17)

Card 2/3

A heat radiation calorimeter ...

$T_{\sim} = 100\sqrt[4]{\frac{0,24UI}{F_o}}\ C^oK.$ (17) where F_o - the area of the cross-section of the collector input aperture in m^2, U and I - the heating voltage and current of the source respectively (the radiation source was a spiral, placed inside the collector) and C - the reduced coefficient of radiation of the source-collector system. The instrument lag $\mathcal{E}$ was found to be 13 sec. It was found that in a stationary state the indications of the calorimeter are independent of the intensity of cooling. There are 7 figures and 4 Soviet-bloc references.

Card 3/3

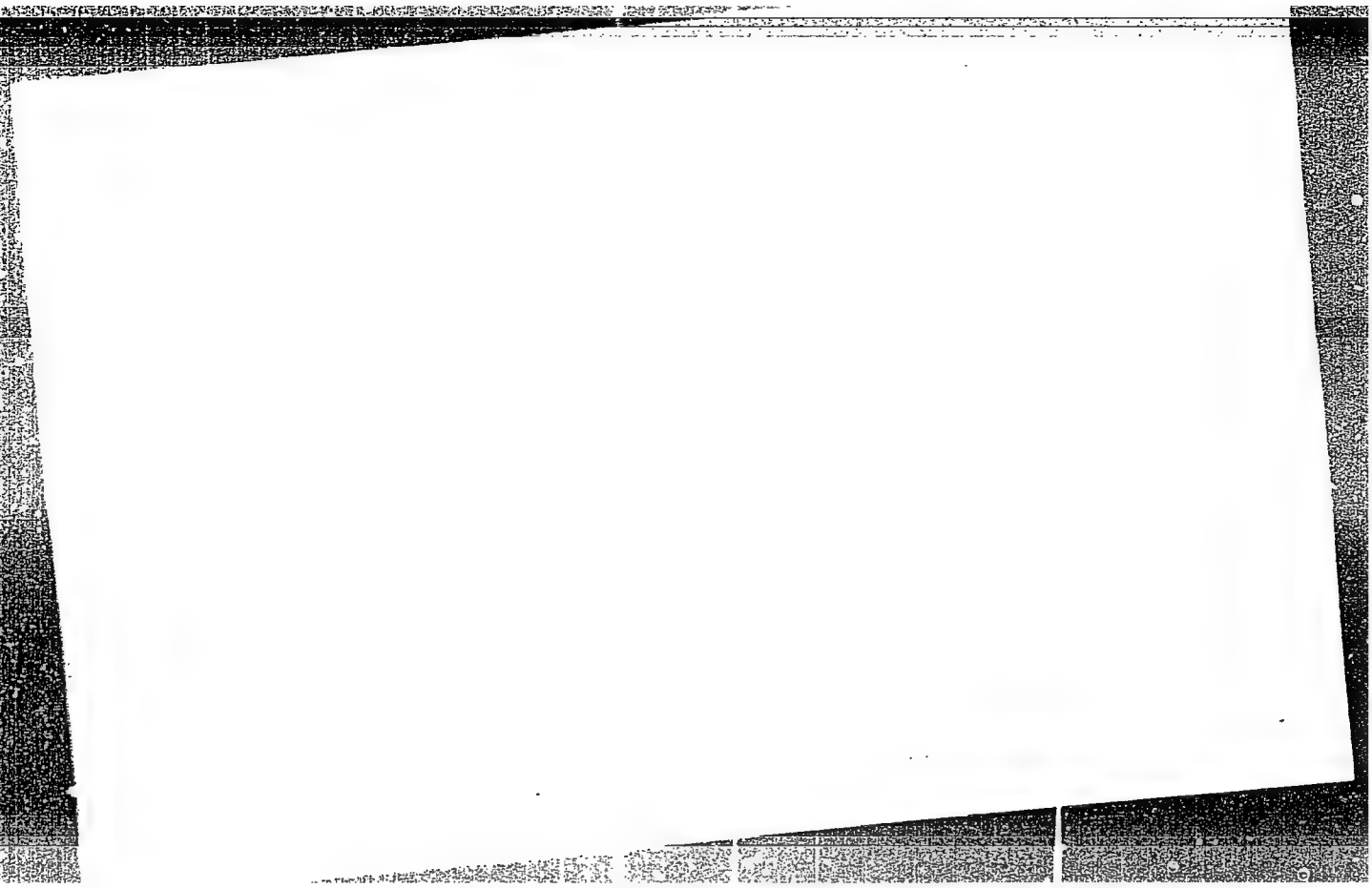
TSYGANKOV, P.S.

TSYGANKOV, P.S. "Investigation of the process of distillation and rectification of ethyl alcohol in multi-story columns". Kiev, 1955. Min Higher Education Ukrainian SSR. Kiev Technological Inst of the Food Industry imeni A.I. Mikoyan. (Dissertations for the Degree of Candidate of Technical Sciences).

SO: Knizhnaya letopis' No 45, 5 November 1955. Moscow.

The increase of the yields of alcohol of highest purity. P. S. Tsygankov. *Spirtovaya Prom.* 22, No. 2, 21–2 (1956). Certain changes applied to the columns used heretofore caused an increase in the output of high-purity EtOH from 90–92% of the production to 98.2–8.4% thereof. The following set of conditions were used (characteristics prior to change in parentheses): pressure in the lower part of the mash column 1500 (1400), pressure in the lower part of the fractionating column 1460 (1200), pressure in the lower part of the rectification column 1800–1700 (1800) mm. H_2O; temp. on the lower part of the fractionating column 88–90° (86–8°), temp. in the zone of sepg. fusel oil (I) of the rectification column 95–6° (99–102°), temp. at the 11 lower plates of the rectification column 87–8° (83–9°), temp. of the H_2O leaving the dephlegmator of the fractionating column 61–7° (60–5°), temp. of the H_2O leaving the dephlegmator of the rectification column 64–5° (66–70°); no. of plates, counted from below, where the I is withdrawn is 7 and 9 (7, 9, and 11).

Werner Jacobson



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TSYGANKOV, P.S.

Contact devices of rectification columns. Spirt. prom. 23 no.4:16-22 '57. (MIRA 10:5)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.
(Distillation apparatus)

TSYGANKOV P S

FEDOROV, P.D.; STABNIKOV, V.N.; GLYBIN, I.P.; BELYAVSKIY, V.V.; BOYCHENKO, N.G.; BUZYKIN, N.A.; GOLOVIN, P.V.; DEMCHUK, A.P.; ZHURA, K.D.; KORCHINSKIY, A.I.; KURILENKO, O.D.; KLIMKO, N.G.; LITVAK, I.M.; MAL'TSEV, P.M.; NIKOLAYCHUK, I.M.; NAUMOV, A.L.; POPOV, V.D.; RED'KO, F.A.; SKOBLO, D.I.; KHRISTENKO, M.M.; TSYGANKOV, P.S.; SHLIPCHENKO, Z.S.; SHVETSOV, P.D.

Gleb Mikhailovich Znamenskii; obituary. Sakh. prom. 31 no.12:68 D '57. (MIRA 11:1)

(Znamenskii, Gleb Mikhailovich, 1901-1957)

TSYGANKOV, P.S.; MURAVSKAYA, O.G.

Heating the columns of beer rectification apparatuses. Spirt. prom. 24 no.3:10-11 '58. (MIRA 11:6)
(Distillation apparatus)

TSYGANKOV, P.S.; NIKOLAYEV, A.P.

Operation of the final rectification column. Spirt. pron. 25 no.5:20-22 '59. (MIRA 12:10)
(Alcohol)

TSYGANKOV, Petr Semenovich; MARKINA, Anna Timofeyevna [Markina, H.T.]; KASPERS'KA, O., red.; VELICHKO, M. [Velychko, M.], tekhn.red.

[Production of synthetic alcohol] Vyrobnytstvo syntetychnoho spyrtu. Kyiv, Derzh.vyd-vo tekhn.lit-ry URSR, 1958. 86 p. (MIRA 13:2)

(Alcohol)

DOMARETSKIY, V.A.; TSYGANKOV, P.S.

Control of steam feed to the columns of beer rectification stills. Ferm. i spirt.prom. 31 no.5:12-14 '65. (MIRA 18:8)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.

TSYGANKOV, P.T.

Increasing the operative capacity of rectification towers. Kons. i ovosh. prom. 21 no.3:13-19 '66. (MIRA 18:5)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.

TSYGANKOV, P.S.; MALEZHIK, I.F.

Coefficients of heat transfer of the heaters for molasses beer stillage. Ferm. i spirt. prom. 30 no.3:18-21 '64.
(MIRA 18:2)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.

TSYGANKOV, P.S.

Effect of the reflux ratio and distillate concentration on steam consumption in rectification. Ferm. i spirt.prom. 30 no.8:14-15 '64. (MIRA 18:1)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.

TSYGANKOV, P.S.

Remodeling of the beer rectification apparatus in the Gomi Distillery. Ferm. i spirt. prom. 30 no.6:18-21 '64. (MIRA 17:11)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti im. Mikoyana.

TSYGANKOV, P.S.; STABNIKOV, V.N., prof., red.

[New technological systems of beer rectification and rectification apparatus; a survey] Novye tekhnologicheskie skhemy bragorektifikatsionnykh i rektifikatsionnykh apparatov; obzor. Moskva, 1962. 58 p. (MIRA 17:4)

1. Moscow. TSentral'nyy institut nauchno-tekhnicheskoy informatsii pishchevoy promyshlennosti.

TSYGANKOV, P.S. [TSyhankov, P.S.]

Efficient system of a rectification apparatus. Kharch.prom. no.4:35-41 O-D '63. (MIRA 17:1)

TSYGANKOV, P.S.

Analyzing the performance of rectifying apparatus with direct action. Spirt. prom. 29 no.7:5-11 '63. (MIRA 16:12)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti im. Mikoyana.

NIKOLAYEV, A.P.; TSYGANKOV, P.S.

Equation of the connection between parameters in the distillation process. Izv.vys.ucheb.zav.; pishch. tekh. no.3:138-142 '63. (MIRA 16:8)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti, kafedra protsessov i apparatov pishchevykh proizvodstv i kafedra oborudovaniya.
(Distillation--Tables, calculations, etc.)

TSYGANKOV, P.S.; NIKOLAYEV, A.P.

Calculating the steam consumption for the heating of beer rectification columns. Izv. vys. ucheb. zav.; pishch. tekh. no.2:138-142 '63. (MIRA 16:5)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti kafedra apetsoborudovaniya i kafedra protsessov i apparatov pishchevykh proizvodstv.
(Distillation apparatus)

MALEZHIK, I.F.; TSYGANKOV, P.S.

Coefficient of steam excess of the beer still and reflux ratio of the rectifying columns. Izv.vys.ucheb.zav.; pishch.tekh. no.3: 155-159 '63. (MIRA 16:8)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti, kafedra protsessov i apparatov pishchevykh proizvodstv.
(Distillation apparatus)

TSYGANKOV, P.S.[TSyhankov, P.S.]; KITAYCHUK, M.M.[Kytaichuk, M.M.]

Work practices of the rectification shops of the Bar Distillery. Khar. prom. no.1:43-45 Ja-Mr '63. (MIRA 16:4)

(Bar—Distilling industries—Equipment and supplies)

TSYGANKOV, P.S.

Rectification apparatus for the manufacture of high-purity alcohol. Khar.prom. no.2:73-76 Ap-Je '62. (MIRA 15:9)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.
(Distillation apparatus)

TSYGANKOV, P.S. [TSyhankov, P.S.]; NIKOLAYEV, O.P. [Nikolaiev, O.P.]

Effective utilization of the fusel oil column of rectification and beer rectification apparatus. Khar.prom. no.1:48-51 Ja-Mr '62. (MIRA 15:8)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.
(Distillation apparatus)

TSYGANKOV, P.S. [TSyhankov, P.S.]

Increasing the operative efficiency of beer rectification apparatus with semicontinuous action. Khar.prom. no.3:42-46 Jl-S '62. (MIRA 15:8)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.
(Brewing industry—Equipment and supplies)

TSYGANKOV, P.S.

Analyzing the performance of the fractionating column in case of water feed to its top tray. Izv.vys.ucheb.zav.; pishch.tekh. 2:120-127 '62. (MIRA 15:5)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti, kafedra spetsoborudovaniya.

(Packed towers)

TSYGANKOV, P.S.

Work of the All-Union Interuniversity Conference on the Theory and Practice of Distillation in the Chemical and Food Industries. (MIRA 15:6)
Trudy KTIPP no.24:191-200 '61.
(Distillation)

TSYGANKOV, P.S.; NIKOLAYEV, A.P.

Design of a new beer rectification unit. Spirt.prom. 27 no.3:22-25 '61. (MIRA 14:4)

(Distillation apparatus)

STABNIKOV, V.N.; NIKOLAYEV, A.P.; TSYGANKOV, P.S.; GARBARENKO, V.G.

Hydrodynamic testing of turbogrid-type sieve plates. Trudy KTIPP no.22:171-177 '60. (MIRA 14:3)
(Plate towers)

TSYGANKOV, P.S.

All-Union Interuniversity Conference on the theory and practice of rectification in the chemical and food industries. Khim. prom. no. 2:144-147 F '61. (MIRA 14:4)
(Distillation, Fractional—Congresses)

TSYGANKOV, P.S.; NIKOLAYEV, A.P.

Distribution of the concentrations of alcohol over the plates of fractionating columns. Izv.vys.ucheb.zav.;pishch.tekh.no.5:149-152 '60. (MIRA 13:12)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti. Kafedra spetsoborudovaniya i Kafedra protsessov i apparatov.
(Alcohol) (Plate towers)

TSYGANKOV, P.S.

Alcohol industry and the liqueur and vodka industry of the Bulgarian People's Republic. Spirt.prom. 26 no.7:21-23 '60. (MIRA 13:10)

(Bulgaria--Liquor industry)

BELYAYEV, A.F. (Moskva); KONDRASHKOV, Yu.A. (Moskva); LUKASHENYA, G.V. (Moskva); PARFENOV, A.K. (Moskva); TSYGANKOV, S.A. (Moskva)

Flare combustion of model mixtures of fuels and oxidizers. Nauch.-tekh. probl. gor. i vzryva no.1:25-30 '65. (MIRA 18:9)